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02 DEC 2004

### INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

REC'D 0 9 JUN 2004

						VVIPO	
Applicant's 2001P23	_	nt's file reference	FOR FURTHER ACTION  See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)				
International application No. PCT/EP 03/05574			International filing date (27.05.2003	(day/mont	h/year)	Priority date (day/mon	nth/year)
International F02D1/10		t Classification (IPC) or bo D1/10	th national classification a	and IPC			
Applicant SIEMEN	S AKT	TENGESELLSCHAFT	Γet al.				
		ational preliminary exan				national Preliminary	Examining
2. This	2. This REPORT consists of a total of 4 sheets, including this cover sheet.						
	This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).						
Thes	se anne	exes consist of a total o	f sheets.				
3. This	report	contains indications rel	ating to the following ite	ems:			
j	$\boxtimes$	Basis of the opinion					
11	_	Priority					
111		Non-establishment of o	pinion with regard to n	ovelty, in	ventive step ar	nd industrial applicab	ility
IV		Lack of unity of invention	•		•	• •	
V	$\boxtimes$						
VI		Certain documents cite	d				
VII		Certain defects in the ir	nternational application				
VIII   Certain observations on the international application							
Date of sub	mission	of the demand		Date of	completion of this	s report	
17.09.2003				08.06.2004			
	examini	address of the International		Authoriz	ed Officer		gentuches Patentes,
European Patent Office D-80298 Munich				Vont-S	chilb, G	•	
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## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

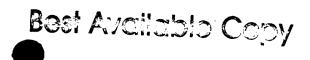
International application No.

PCT/EP 03/05574

i.	Basis	of	the	rei	00	rt
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1. With regard to the **elements** of the international application (Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17)):

	De	Description, Pages						
	1-	11	as originally filed					
	CI	aims, Numbers						
	1-	13	as originally filed					
	Dr	awings, Sheets						
	1/4	-4/4	as originally filed					
2.	<ol><li>With regard to the language, all the elements marked above were available or furnished to this Authority language in which the international application was filed, unless otherwise indicated under this item.</li></ol>							
	Th	These elements were available or furnished to this Authority in the following language: , which is:						
	☐ the language of a translation furnished for the purposes of the international search (under Rule 23.1(							
			plication of the international application (under Rule 48.3(b)).					
		the language of a tr Rule 55.2 and/or 55	ranslation furnished for the purposes of international preliminary examination (under i.3).					
3.	Wit inte	h regard to any <b>nucl</b> ernational preliminary	eotide and/or amino acid sequence disclosed in the international application, the examination was carried out on the basis of the sequence listing:					
		contained in the inte	ernational application in written form.					
		filed together with th	ne international application in computer readable form.					
		furnished subseque	ntly to this Authority in written form.					
		furnished subseque	ntly to this Authority in computer readable form.					
		The statement that to in the international a	the subsequently furnished written sequence listing does not go beyond the disclosure application as filed has been furnished.					
		The statement that the listing has been furn	the information recorded in computer readable form is identical to the written sequence iished.					
4.	The	amendments have r	esulted in the cancellation of:					
		the description,	pages:					
		the claims,	Nos.:					
	□	the drawings,	sheets:					



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5. 

This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)).

(Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.)

- 6. Additional observations, if necessary:
- V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- 1. Statement

Novelty (N)

Yes: Claims
1-13
No: Claims

Inventive step (IS)

Yes: Claims
1-13
No: Claims

Industrial applicability (IA)

Yes: Claims
1-13

No:

Claims

2. Citations and explanations

see separate sheet



## INTERNATIONAL PRELIMINARY

International application No. PCT/EP 03/05574

#### **EXAMINATION REPORT - SEPARATE SHEET**

#### Re Item V

Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

#### Prior Art

D1: EP-A-1 024 268 (FORD MOTOR CO) 2 August 2000 (2000-08-02)

D2: EP-A-1 098 078 (SIEMENS CANADA LTD) 9 May 2001 (2001-05-09)

#### Claims 1 and 2; NOVELTY and Inventive Step

D1 discloses the features of the preamble of claim 1.

Therein a nose is integrally formed with the gear sector and abuts against a relatively flexible rib of the casing (see figure 9).

The document D2 proposes to add a rubber circle spring to the gear sector to dampen the collision.

The features of the characterising part of claim 1 enable to dampen the abutment by providing a flexible end stop structurally fixated to the gear sector.

The gear sector of claim 2, that the elastic material is integrally formed is also new and inventive because in D2 the flexible material is not integral with the gear sector.

Thus independent claims 1 and 2 meet the requirements of the PCT.

#### Dependent claims 3 to 13

These claims propose developments of the integral blocking tooth of claim 2 and meet therefore the requirements of the PCT.